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Test Report Aggregate Gradation

Project Name	PACKAGE 5(1) Improvements of Road Adjacent to Yelahanka Lake From Kenchanahalli to Chowdeshwari temple in Ward No.2. 2)Improvements and Asplating to New post office Main Road and cross roads in Ward no 01. 3)Improvements and Asplating to suggappa layout cross roads in ward No 01. 4)Improvements and Asplating to Shanimahathma swamy temple road and surabi layout 2nd Main and cross Roads in ward No 01. 5)Asplating to Balance Roads in A & B Sector of Yelahanka New Town in Ward No 04)
Client	Executive Engineer Project Yellahanka Division
Job No	MCTPL/BBMP/EE/Project Division Yelahanka ZONE/P-5/2/19-2020/QR
Mix Type	Wet Mix Macadam
Contractor	Sri. R.LOKESH
Test Method	IS : 2386 (Part - 1) 1963 & Specification for Road & Bridge Works, MORT&H, Rev. V.
Location	Wet Mix Plant
Material	Coarse Aggregates
Sample No	9
Date	9-Mar-2020

Weight of Sample: 4000 gms

Sl. No.	I.S. Sieve size (mm)	Weight Retained (gm)	Percentage of weight Retained (%)	Cumulative Percentage of weight retained (%)	Cumulative % of Passing		Remarks
					Test Result	Gradation Limits as per MORT&H	
1	53	0	0	0	100	100	Gradation satisfies the MORT&H Specification for Wet Mix macadam
2	45	107.5	2.69	2.69	97.31	95-100	
3	22.4	1105.5	27.64	30.33	69.67	60-80	
4	11.2	804.5	20.11	50.44	49.56	40-60	
5	4.75	715.5	17.89	68.33	31.67	25-40	
6	2.36	390.5	9.76	78.09	21.91	15-30	
7	0.06	297.5	7.44	85.53	14.47	(8-22)	
8	0.075	395.5	9.89	95.42	4.58	0-5	

Note:

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MECADEZ CORE TECHNOLOGIES PRIVATE LIMITED
PROJECT MANAGEMENT & CONSULTANCY SERVICES

Test Report Aggregate Gradation

Project Name	PACKAGE 5(1) Improvements of Road Adjacent to Yelahanka Lake From Kenchanahalli to Chowdeshwari temple in Ward No.2. 2)Improvements and Asplating to New post office Main Road and cross roads in Ward no 01. 3)Improvements and Asplating to suggappa layout cross roads in ward No 01. 4)Improvements and Asplating to Shanimahathma swamy temple road and surabi layout 2nd Main and cross Roads in ward No 01. 5)Asplating to Balance Roads in A & B Sector of Yelahanka New Town in Ward No 04)
Client	Executive Engineer Project Yellahanka Division
Job No	MCTPL/BBMP/EE/Project Division Yelahanka ZONE/P-5/2/19-2020/QR
Mix Type	Wet Mix Macadam
Contractor	Sri. R.LOKESH
Test Method	IS : 2386 (Part - 1) 1963 & Specification for Road & Bridge Works, MORT&H, Rev. V.
Location	Wet Mix Plant
Material	Coarse Aggregates
Sample No	10
Date	9-Mar-2020

Weight of Sample: 4000 gms

Sl. No.	I.S. Sieve size (mm)	Weight Retained (gm)	Percentage of weight Retained (%)	Cumulative Percentage of weight retained (%)	Cumulative % of Passing		Remarks
					Test Result	Gradation Limits as per MORT&H	
1	53	0	0	0	100	100	Gradation satisfies the MORT&H Specification for Wet Mix macadam
2	45	105.5	2.64	2.64	97.36	95-100	
3	22.4	1103.5	27.59	30.23	69.77	60-80	
4	11.2	802.5	20.06	50.29	49.71	40-60	
5	4.75	713.5	17.84	68.13	31.87	25-40	
6	2.36	388.5	9.71	77.84	22.16	15-30	
7	0.06	295.5	7.39	85.23	14.77	(8-22)	
8	0.075	415	10.38	95.61	4.39	0-5	

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Test Report Aggregate Gradation

Project Name	PACKAGE 5(1) Improvements of Road Adjacent to Yelahanka Lake From Kenchanahalli to Chowdeshwari temple in Ward No.2. 2)Improvements and Asplating to New post office Main Road and cross roads in Ward no 01. 3)Improvements and Asplating to suggappa layout cross roads in ward No 01. 4)Improvements and Asplating to Shanimahathma swamy temple road and surabi layout 2nd Main and cross Roads in ward No 01. 5)Asplating to Balance Roads in A & B Sector of Yelahanka New Town in Ward No 04)
Client	Executive Engineer Project Yellahanka Division
Job No	MCTPL/BBMP/EE/Project Division Yelahanka ZONE/P-5/2/19-2020/QR
Mix Type	Wet Mix Macadam
Contractor	Sri. R.LOKESH
Test Method	IS : 2386 (Part - 1) 1963 & Specification for Road & Bridge Works, MORT&H, Rev. V.
Location	Wet Mix Plant
Material	Coarse Aggregates
Sample No	11
Date	9-Mar-2020

Weight of Sample: 4000 gms

Sl. No.	I.S. Sieve size (mm)	Weight Retained (gm)	Percentage of weight Retained (%)	Cumulative Percentage of weight retained (%)	Cumulative % of Passing		Remarks
					Test Result	Gradation Limits as per MORT&H	
1	53	0	0.00	0.00	100.00	100	Gradation satisfies the MORT&H Specification for Wet Mix macadam
2	45	106	2.65	2.65	97.35	95-100	
3	22.4	1103	27.58	30.23	69.77	60-80	
4	11.2	805	20.13	50.36	49.64	40-60	
5	4.75	707	17.68	68.04	31.96	25-40	
6	2.36	405	10.13	78.17	21.83	15-30	
7	0.06	310	7.75	85.92	14.08	(8-22)	
8	0.075	441	11.03	96.95	3.05	0-5	

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Test Report Aggregate Gradation

Project Name	PACKAGE 5(1) Improvements of Road Adjacent to Yelahanka Lake From Kenchanahalli to Chowdeshwari temple in Ward No.2. 2)Improvements and Asplating to New post office Main Road and cross roads in Ward no 01. 3)Improvements and Asplating to suggappa layout cross roads in ward No 01. 4)Improvements and Asplating to Shanimahathma swamy temple road and surabi layout 2nd Main and cross Roads in ward No 01. 5)Asplating to Balance Roads in A & B Sector of Yelahanka New Town in Ward No 04)
Client	Executive Engineer Project Yellahanka Division
Job No	MCTPL/BBMP/EE/Project Division Yelahanka ZONE/P-5/2/19-2020/QR
Mix Type	Wet Mix Macadam
Contractor	Sri. R.LOKESH
Test Method	IS : 2386 (Part - 1) 1963 & Specification for Road & Bridge Works, MORT&H, Rev. V.
Location	Wet Mix Plant
Material	Coarse Aggregates
Sample No	12
Date	6-Mar-2020

Weight of Sample: 4000 gms

Sl. No.	I.S. Sieve size (mm)	Weight Retained (gm)	Percentage of weight Retained (%)	Cumulative Percentage of weight retained (%)	Cumulative % of Passing		Remarks
					Test Result	Gradation Limits as per MORT&H	
1	53	0	0.00	0.00	100.00	100	Gradation satisfies the MORT&H Specification for Wet Mix macadam
2	45	107	2.66	2.66	97.34	95-100	
3	22.4	1104	27.59	30.25	69.75	60-80	
4	11.2	806	20.14	50.39	49.61	40-60	
5	4.75	708	17.69	68.08	31.92	25-40	
6	2.36	406	10.14	78.22	21.78	15-30	
7	0.06	311	7.76	85.98	14.02	(8-22)	
8	0.075	442	11.04	97.02	2.98	0-5	

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Test Report
Aggregate Gradation

Project Name	PACKAGE 5(1) Improvements of Road Adjacent to Yelahanka Lake From Kenchanahalli to Chowdeshwari temple in Ward No.2. 2)Improvements and Asplating to New post office Main Road and cross roads in Ward no 01. 3)Improvements and Asplating to suggappa layout cross roads in ward No 01. 4)Improvements and Asplating to Shanimahathma swamy temple road and surabi layout 2nd Main and cross Roads in ward No 01. 5)Asplating to Balance Roads in A & B Sector of Yelahanka New Town in Ward No 04)
Client	Executive Engineer Project Yellahanka Division
Job No	MCTPL/BBMP/EE/Project Division Yelahanka ZONE/P-5/2/19-2020/QR
Mix Type	Wet Mix Macadam
Contractor	Sri. R.LOKESH
Test Method	IS : 2386 (Part - 1) 1963 & Specification for Road & Bridge Works, MORT&H, Rev. V.
Location	Wet Mix Plant
Material	Coarse Aggregates
Sample No	13
Date	6-Mar-2020

Weight of Sample: 4000 gms

Sl. No.	I.S. Sieve size (mm)	Weight Retained (gm)	Percentage of weight Retained (%)	Cumulative Percentage of weight retained (%)	Cumulative % of Passing		Remarks
					Test Result	Gradation Limits as per MORT&H	
1	53	0	0.00	0.00	100.00	100	Gradation satisfies the MORT&H Specification for Wet Mix macadam
2	45	108	2.70	2.70	97.30	95-100	
3	22.4	1105	27.63	30.33	69.67	60-80	
4	11.2	807	20.18	50.51	49.49	40-60	
5	4.75	709	17.73	68.24	31.76	25-40	
6	2.36	407	10.18	78.42	21.58	15-30	
7	0.06	312	7.80	86.22	13.78	(8-22)	
8	0.075	443	11.08	97.30	2.70	0-5	

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Test Report
Liquid and Plastic Limit by Cone Apparatus

Project Name	PACKAGE 5(1) Improvements of Road Adjacent to Yelahanka Lake From Kenchanahalli to Chowdeshwari temple in Ward No.2. 2)Improvements and Asplating to New post office Main Road and cross roads in Ward no 01. 3)Improvements and Asplating to suggappa layout cross roads in ward No 01. 4)Improvements and Asplating to Shanimahathma swamy temple road and surabi layout 2nd Main and cross Roads in ward No 01. 5)Asplating to Balance Roads in A & B Sector of Yelahanka New Town in Ward No 04)
Client	Executive Engineer Project Yellahanka Division
Job No	MCTPL/BBMP/EE/Project Division Yelahanka ZONE/P-5/2/19-2020/QR
Mix Type	Wet Mix Macadam
Contractor	Sri. R.LOKESH
Test Method	Specification for Road & Bridge Works, MORT&H, Rev. V.
Location	Wet Mix Plant
Material	Coarse Aggregates
Sample No	1
Date	6-Mar-2020

Sl No	Description	Unit	Liquid Limit	Plastic Limit
	Penetration	mm	Non Plastic	Non Plastic
1	Container No	no		
2	Weight of container, (A)	gm		
3	Weight of container + wet soil, (B)	gm		
4	Weight of container + dry soil, (C)	gm		
5	Weight of water, $D=(B - C)$	gm		
6	Weight of dry soil, $E=(C - A)$	gm		
7	Water Content, $D/E \times 100 (\%)$	gm		

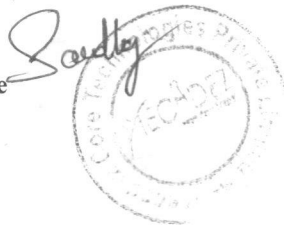
Comments: <6 so Non Plastic

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Test Report
Liquid and Plastic Limit by Cone Apparatus

Project Name	PACKAGE 5(1) Improvements of Road Adjacent to Yelahanka Lake From Kenchanahalli to Chowdeshwari temple in Ward No.2. 2)Improvements and Asplating to New post office Main Road and cross roads in Ward no 01. 3)Improvements and Asplating to suggappa layout cross roads in ward No 01. 4)Improvements and Asplating to Shanimahathma swamy temple road and surabi layout 2nd Main and cross Roads in ward No 01. 5)Asplating to Balance Roads in A & B Sector of Yelahanka New Town in Ward No 04)
Client	Executive Engineer Project Yellahanka Division
Job No	MCTPL/BBMP/EE/Project Division Yelahanka ZONE/P-5/2/19-2020/QR
Mix Type	Wet Mix Macadam
Contractor	Sri. R.LOKESH
Test Method	Specification for Road & Bridge Works, MORT&H, Rev. V.
Location	Wet Mix Plant
Material	Coarse Aggregates
Sample No	2
Date	6-Mar-2020

SI No	Description	Unit	Liquid Limit	Plastic Limit
	Penetration	mm	Non Plastic	Non Plastic
1	Container No	no		
2	Weight of container,(A)	gm		
3	Weight of container + wet soil, (B)	gm		
4	Weight of container + dry soil, (C)	gm		
5	Weight of water, D=(B - C)	gm		
6	Weight of dry soil, E=(C - A)	gm		
7	Water Content, D/E x 100 (%)	gm		

Comments: <6 so Non Plastic

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Test Report
Liquid and Plastic Limit by Cone Apparatus

Project Name	PACKAGE 5(1) Improvements of Road Adjacent to Yelahanka Lake From Kenchanahalli to Chowdeshwari temple in Ward No.2. 2)Improvements and Asplating to New post office Main Road and cross roads in Ward no 01. 3)Improvements and Asplating to suggappa layout cross roads in ward No 01. 4)Improvements and Asplating to Shanimahathma swamy temple road and surabi layout 2nd Main and cross Roads in ward No 01. 5)Asplating to Balance Roads in A & B Sector of Yelahanka New Town in Ward No 04)
Client	Executive Engineer Project Yellahanka Division
Job No	MCTPL/BBMP/EE/Project Division Yelahanka ZONE/P-5/2/19-2020/QR
Mix Type	Wet Mix Macadam
Contractor	Sri. R.LOKESH
Test Method	Specification for Road & Bridge Works, MORT&H, Rev. V.
Location	Wet Mix Plant
Material	Coarse Aggregates
Sample No	3
Date	6-Mar-2020

Sl No	Description	Unit	Liquid Limit	Plastic Limit
	Penetration	mm	Non Plastic	Non Plastic
1	Container No	no		
2	Weight of container,(A)	gm		
3	Weight of container + wet soil, (B)	gm		
4	Weight of container + dry soil, (C)	gm		
5	Weight of water, D=(B - C)	gm		
6	Weight of dry soil, E=(C - A)	gm		
7	Water Content, D/E x 100 (%)	gm		

Comments: <6 so Non Plastic

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Test Report
Liquid and Plastic Limit by Cone Apparatus

Project Name	PACKAGE 5(1) Improvements of Road Adjacent to Yelahanka Lake From Kenchanahalli to Chowdeshwari temple in Ward No.2. 2)Improvements and Asplating to New post office Main Road and cross roads in Ward no 01. 3)Improvements and Asplating to suggappa layout cross roads in ward No 01. 4)Improvements and Asplating to Shanimahathma swamy temple road and surabi layout 2nd Main and cross Roads in ward No 01. 5)Asplating to Balance Roads in A & B Sector of Yelahanka New Town in Ward No 04)
Client	Executive Engineer Project Yellahanka Division
Job No	MCTPL/BBMP/EE/Project Division Yelahanka ZONE/P-5/2/19-2020/QR
Mix Type	Wet Mix Macadam
Contractor	Sri. R.LOKESH
Test Method	Specification for Road & Bridge Works, MORT&H, Rev. V.
Location	Wet Mix Plant
Material	Coarse Aggregates
Sample No	4
Date	6-Mar-2020

SI No	Description	Unit	Liquid Limit	Plastic Limit
	Penetration	mm	Non Plastic	Non Plastic
1	Container No	no		
2	Weight of container, (A)	gm		
3	Weight of container + wet soil, (B)	gm		
4	Weight of container + dry soil, (C)	gm		
5	Weight of water, $D=(B - C)$	gm		
6	Weight of dry soil, $E=(C - A)$	gm		
7	Water Content, $D/E \times 100 (\%)$	gm		

Comments: <6 so Non Plastic

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Test Report
Liquid and Plastic Limit by Cone Apparatus

Project Name	PACKAGE 5(1) Improvements of Road Adjacent to Yelahanka Lake From Kenchanahalli to Chowdeshwari temple in Ward No.2. 2)Improvements and Asplating to New post office Main Road and cross roads in Ward no 01. 3)Improvements and Asplating to suggappa layout cross roads in ward No 01. 4)Improvements and Asplating to Shanimahathma swamy temple road and surabi layout 2nd Main and cross Roads in ward No 01. 5)Asplating to Balance Roads in A & B Sector of Yelahanka New Town in Ward No 04)
Client	Executive Engineer Project Yellahanka Division
Job No	MCTPL/BBMP/EE/Project Division Yelahanka ZONE/P-5/2/19-2020/QR
Mix Type	Wet Mix Macadam
Contractor	Sri. R.LOKESH
Test Method	Specification for Road & Bridge Works, MORT&H, Rev. V.
Location	Wet Mix Plant
Material	Coarse Aggregates
Sample No	5
Date	9-Mar-2020

Sl No	Description	Unit	Liquid Limit	Plastic Limit
	Penetration	mm	Non Plastic	Non Plastic
1	Container No	no		
2	Weight of container,(A)	gm		
3	Weight of container + wet soil, (B)	gm		
4	Weight of container + dry soil, (C)	gm		
5	Weight of water, D=(B - C)	gm		
6	Weight of dry soil, E=(C - A)	gm		
7	Water Content, D/E x 100 (%)	gm		

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Test Report
Liquid and Plastic Limit by Cone Apparatus

Project Name	PACKAGE 5(1) Improvements of Road Adjacent to Yelahanka Lake From Kenchanahalli to Chowdeshwari temple in Ward No.2. 2)Improvements and Asplating to New post office Main Road and cross roads in Ward no 01. 3)Improvements and Asplating to suggappa layout cross roads in ward No 01. 4)Improvements and Asplating to Shanimahathma swamy temple road and surabi layout 2nd Main and cross Roads in ward No 01. 5)Asplating to Balance Roads in A & B Sector of Yelahanka New Town in Ward No 04)
Client	Executive Engineer Project Yellahanka Division
Job No	MCTPL/BBMP/EE/Project Division Yelahanka ZONE/P-5/2/19-2020/QR
Mix Type	Wet Mix Macadam
Contractor	Sri. R.LOKESH
Test Method	Specification for Road & Bridge Works, MORT&H, Rev. V.
Location	Wet Mix Plant
Material	Coarse Aggregates
Sample No	6
Date	9-Mar-2020

Sl No	Description	Unit	Liquid Limit	Plastic Limit
	Penetration	mm	Non Plastic	Non Plastic
1	Container No	no		
2	Weight of container,(A)	gm		
3	Weight of container + wet soil, (B)	gm		
4	Weight of container + dry soil, (C)	gm		
5	Weight of water, $D=(B - C)$	gm		
6	Weight of dry soil, $E=(C - A)$	gm		
7	Water Content, $D/E \times 100 (\%)$	gm		

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Project Name	PACKAGE 5(1) Improvements of Road Adjacent to Yelahanka Lake From Kenchanahalli to Chowdeshwari temple in Ward No.2. 2)Improvements and Asplating to New post office Main Road and cross roads in Ward no 01. 3)Improvements and Asplating to suggappa layout cross roads in ward No 01. 4)Improvements and Asplating to Shanimahathma swamy temple road and surabi layout 2nd Main and cross Roads in ward No 01. 5)Asplating to Balance Roads in A & B Sector of Yelahanka New Town in Ward No 04)
Client	Executive Engineer Project Yellahanka Division
Job No	MCTPL/BBMP/EE/Project Division Yelahanka ZONE/P-5/2/19-2020/QR
Mix Type	Wet Mix Macadam
Contractor	Sri. R.LOKESH
Test Method	Specification for Road & Bridge Works, MORT&H, Rev. V.
Location	Wet Mix Plant
Material	Coarse Aggregates
Sample No	7
Date	9-Mar-2020

SI No	Description	Unit	Liquid Limit	Plastic Limit
	Penetration	mm	Non Plastic	Non Plastic
1	Container No	no		
2	Weight of container,(A)	gm		
3	Weight of container + wet soil, (B)	gm		
4	Weight of container + dry soil, (C)	gm		
5	Weight of water, D=(B - C)	gm		
6	Weight of dry soil, E=(C - A)	gm		
7	Water Content, D/E x 100 (%)	gm		

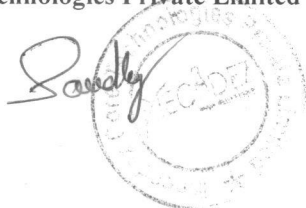
Comments: <6 so Non Plastic

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Test Report Liquid and Plastic Limit by Cone Apparatus

Project Name	PACKAGE 5(1) Improvements of Road Adjacent to Yelahanka Lake From Kenchanahalli to Chowdeshwari temple in Ward No.2. 2)Improvements and Asplating to New post office Main Road and cross roads in Ward no 01. 3)Improvements and Asplating to suggappa layout cross roads in ward No 01. 4)Improvements and Asplating to Shanimahathma swamy temple road and surabi layout 2nd Main and cross Roads in ward No 01. 5)Asplating to Balance Roads in A & B Sector of Yelahanka New Town in Ward No 04)
Client	Executive Engineer Project Yellahanka Division
Job No	MCTPL/BBMP/EE/Project Division Yelahanka ZONE/P-5/2/19-2020/QR
Mix Type	Wet Mix Macadam
Contractor	Sri. R.LOKESH
Test Method	Specification for Road & Bridge Works, MORT&H, Rev. V.
Location	Wet Mix Plant
Material	Coarse Aggregates
Sample No	8
Date	9-Mar-2020

SI No	Description	Unit	Liquid Limit	Plastic Limit
	Penetration	mm	Non Plastic	Non Plastic
1	Container No	no		
2	Weight of container, (A)	gm		
3	Weight of container + wet soil, (B)	gm		
4	Weight of container + dry soil, (C)	gm		
5	Weight of water, $D=(B - C)$	gm		
6	Weight of dry soil, $E=(C - A)$	gm		
7	Water Content, $D/E \times 100 (\%)$	gm		

Comments: <6 so Non Plastic

Note:

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PROJECT MANAGEMENT & CONSULTANCY SERVICES

Test Report
Liquid and Plastic Limit by Cone Apparatus

Project Name	PACKAGE 5(1) Improvements of Road Adjacent to Yelahanka Lake From Kenchanahalli to Chowdeshwari temple in Ward No.2. 2)Improvements and Asplating to New post office Main Road and cross roads in Ward no 01. 3)Improvements and Asplating to suggappa layout cross roads in ward No 01. 4)Improvements and Asplating to Shanimahathma swamy temple road and surabi layout 2nd Main and cross Roads in ward No 01. 5)Asplating to Balance Roads in A & B Sector of Yelahanka New Town in Ward No 04)
Client	Executive Engineer Project Yellahanka Division
Job No	MCTPL/BBMP/EE/Project Division Yelahanka ZONE/P-5/2/19-2020/QR
Mix Type	Wet Mix Macadam
Contractor	Sri. R.LOKESH
Test Method	Specification for Road & Bridge Works, MORT&H, Rev. V.
Location	Wet Mix Plant
Material	Coarse Aggregates
Sample No	9
Date	9-Mar-2020

Sl No	Description	Unit	Liquid Limit	Plastic Limit
	Penetration	mm	Non Plastic	Non Plastic
1	Container No	no		
2	Weight of container, (A)	gm		
3	Weight of container + wet soil, (B)	gm		
4	Weight of container + dry soil, (C)	gm		
5	Weight of water, $D=(B - C)$	gm		
6	Weight of dry soil, $E=(C - A)$	gm		
7	Water Content, $D/E \times 100 (\%)$	gm		

Comments: <6 so Non Plastic

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Test Report
Liquid and Plastic Limit by Cone Apparatus

Project Name	PACKAGE 5(1) Improvements of Road Adjacent to Yelahanka Lake From Kenchanahalli to Chowdeshwari temple in Ward No.2. 2)Improvements and Asplating to New post office Main Road and cross roads in Ward no 01. 3)Improvements and Asplating to suggappa layout cross roads in ward No 01. 4)Improvements and Asplating to Shanimahathma swamy temple road and surabi layout 2nd Main and cross Roads in ward No 01. 5)Asplating to Balance Roads in A & B Sector of Yelahanka New Town in Ward No 04)
Client	Executive Engineer Project Yellahanka Division
Job No	MCTPL/BBMP/EE/Project Division Yelahanka ZONE/P-5/2/19-2020/QR
Mix Type	Wet Mix Macadam
Contractor	Sri. R.LOKESH
Test Method	Specification for Road & Bridge Works, MORT&H, Rev. V.
Location	Wet Mix Plant
Material	Coarse Aggregates
Sample No	10
Date	9-Mar-2020

Sl No	Description	Unit	Liquid Limit	Plastic Limit
	Penetration	mm	Non Plastic	Non Plastic
1	Container No	no		
2	Weight of container,(A)	gm		
3	Weight of container + wet soil, (B)	gm		
4	Weight of container + dry soil, (C)	gm		
5	Weight of water, $D=(B - C)$	gm		
6	Weight of dry soil, $E=(C - A)$	gm		
7	Water Content, $D/E \times 100 (\%)$	gm		

Comments: <6 so Non Plastic

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Test Report Liquid and Plastic Limit by Cone Apparatus

Project Name	PACKAGE 5(1) Improvements of Road Adjacent to Yelahanka Lake From Kenchanahalli to Chowdeshwari temple in Ward No.2. 2)Improvements and Asplating to New post office Main Road and cross roads in Ward no 01. 3)Improvements and Asplating to suggappa layout cross roads in ward No 01. 4)Improvements and Asplating to Shanimahathma swamy temple road and surabi layout 2nd Main and cross Roads in ward No 01. 5)Asplating to Balance Roads in A & B Sector of Yelahanka New Town in Ward No 04)
Client	Executive Engineer Project Yellahanka Division
Job No	MCTPL/BBMP/EE/Project Division Yelahanka ZONE/P-5/2/19-2020/QR
Mix Type	Wet Mix Macadam
Contractor	Sri. R.LOKESH
Test Method	Specification for Road & Bridge Works, MORT&H, Rev. V.
Location	Wet Mix Plant
Material	Coarse Aggregates
Sample No	11
Date	9-Mar-2020

Sl No	Description	Unit	Liquid Limit	Plastic Limit
	Penetration	mm	Non Plastic	Non Plastic
1	Container No	no		
2	Weight of container, (A)	gm		
3	Weight of container + wet soil, (B)	gm		
4	Weight of container + dry soil, (C)	gm		
5	Weight of water, $D=(B - C)$	gm		
6	Weight of dry soil, $E=(C - A)$	gm		
7	Water Content, $D/E \times 100 (\%)$	gm		

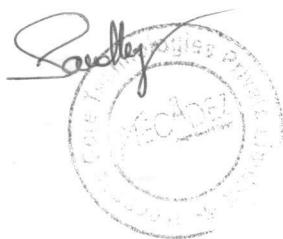
Comments: <6 so Non Plastic

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Test Report Liquid and Plastic Limit by Cone Apparatus

Project Name	PACKAGE 5(1) Improvements of Road Adjacent to Yelahanka Lake From Kenchanahalli to Chowdeshwari temple in Ward No.2. 2)Improvements and Asplating to New post office Main Road and cross roads in Ward no 01. 3)Improvements and Asplating to suggappa layout cross roads in ward No 01. 4)Improvements and Asplating to Shanimahathma swamy temple road and surabi layout 2nd Main and cross Roads in ward No 01. 5)Asplating to Balance Roads in A & B Sector of Yelahanka New Town in Ward No 04)
Client	Executive Engineer Project Yellahanka Division
Job No	MCTPL/BBMP/EE/Project Division Yelahanka ZONE/P-5/2/19-2020/QR
Mix Type	Wet Mix Macadam
Contractor	Sri. R.LOKESH
Test Method	Specification for Road & Bridge Works, MORT&H, Rev. V.
Location	Wet Mix Plant
Material	Coarse Aggregates
Sample No	12
Date	6-Mar-2020

SI No	Description	Unit	Liquid Limit	Plastic Limit
	Penetration	mm	Non Plastic	Non Plastic
1	Container No	no		
2	Weight of container, (A)	gm		
3	Weight of container + wet soil, (B)	gm		
4	Weight of container + dry soil, (C)	gm		
5	Weight of water, $D=(B - C)$	gm		
6	Weight of dry soil, $E=(C - A)$	gm		
7	Water Content, $D/E \times 100 (\%)$	gm		

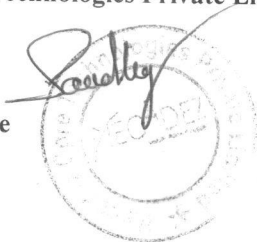
Comments: <6 so Non Plastic

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PROJECT MANAGEMENT & CONSULTANCY SERVICES

Test Report
Liquid and Plastic Limit by Cone Apparatus

Project Name	PACKAGE 5(1) Improvements of Road Adjacent to Yelahanka Lake From Kenchanahalli to Chowdeshwari temple in Ward No.2. 2)Improvements and Asplating to New post office Main Road and cross roads in Ward no 01. 3)Improvements and Asplating to suggappa layout cross roads in ward No 01. 4)Improvements and Asplating to Shanimahathma swamy temple road and surabi layout 2nd Main and cross Roads in ward No 01. 5)Asplating to Balance Roads in A & B Sector of Yelahanka New Town in Ward No 04)
Client	Executive Engineer Project Yellahanka Division
Job No	MCTPL/BBMP/EE/Project Division Yelahanka ZONE/P-5/2/19-2020/QR
Mix Type	Wet Mix Macadam
Contractor	Sri. R.LOKESH
Test Method	Specification for Road & Bridge Works, MORT&H, Rev. V.
Location	Wet Mix Plant
Material	Coarse Aggregates
Sample No	13
Date	6-Mar-2020

Sl No	Description	Unit	Liquid Limit	Plastic Limit
	Penetration	mm	Non Plastic	Non Plastic
1	Container No	no		
2	Weight of container, (A)	gm		
3	Weight of container + wet soil, (B)	gm		
4	Weight of container + dry soil, (C)	gm		
5	Weight of water, $D=(B - C)$	gm		
6	Weight of dry soil, $E=(C - A)$	gm		
7	Water Content, $D/E \times 100 (\%)$	gm		

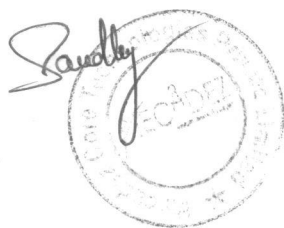
Comments: <6 so Non Plastic

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Project Management and Consultancy Services

Summary of Frequencies of Field Tests and Lab Tests Conducted

PACKAGE 5(1) Improvements of Road Adjacent to Yelahanka Lake From Kenchanahalli to Chowdeshwari temple in Ward No.2. 2)Improvements and Asplating to New post office Main Road and cross roads in Ward no 01. 3)Improvements and Asplating to suggappa layout cross roads in ward No 01. 4)Improvements and Asplating to Shanimahathma swamy temple road and surabi layout 2nd Main and cross Roads in ward No 01. 5)Asplating to Balance Roads in A & B Sector of Yelahanka New Town in Ward No 04)

Name of the work:

Job No: MCTPL/BBMP/EE/Project Division Yelahanka ZONE/P-5/2/19-2020/QR

Contractor

Sri. R.LOKESH

Sl. No	Particulars of the Tests	Plain Cement Concrete(1:3:6)	Frequency of Tests	Tests Required	Tests Carried Out
I	Cement	2.88	OPC 43 Grade		
1	Consistency test		I Test / Source of Supply	1	1
2	Fineness test		I Test / Source of Supply	1	1
3	Soundness test		I Test / Source of Supply	1	1
4	Compressive strength test				
i	3-days		I Test / Source of Supply	1	1
ii	7-days		I Test / Source of Supply	1	1
iii	28-days		I Test / Source of Supply	1	1
II	Fine Aggregates				
5	Gradation test		I Test / Day	1	1
6	Water absorption test		Regular Intervals	1	1
III	Coarse aggregates				
7	Gradation test		I Test / Day	1	1
8	Water absorption test		Regular Intervals	1	1
9	Impact test		I Test / Source of Supply	1	1

Note: Frequency of tests as per Specifications MORT&H, V Revision, Section 900.

Savilley

Consultant

ASSISTANT ENGINEER

Contractor

ASSISTANT EXE
ENGINEER



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MECADEZ CORE TECHNOLOGIES PRIVATE LIMITED
PROJECT MANAGEMENT & CONSULTANCY SERVICES

Test Report Consistency test

Project Name	PACKAGE 5(1) Improvements of Road Adjacent to Yelahanka Lake From Kenchanahalli to Chowdeshwari temple in Ward No.2. 2)Improvements and Asplating to New post office Main Road and cross roads in Ward no 01. 3)Improvements and Asplating to suggappa layout cross roads in ward No 01. 4)Improvements and Asplating to Shanimahathma swamy temple road and surabi layout 2nd Main and cross Roads in ward No 01. 5)Asplating to Balance Roads in A & B Sector of Yelahanka New Town in Ward No 04)
Client	Executive Engineer Project Yellahanka Division
Job No	MCTPL/BBMP/EE/Project Division Yelahanka ZONE/P-5/2/19-2020/QR
Mix Type	Plain Cement Concrete(1:3:6)
Contractor	Sri. R.LOKESH
Test Method	IS : 4031 (Part 5) -1988 & Specification for Road & Bridge Works, MORT&H, Rev-V.
Location	At Site
Material	Cement
Sample No	1
Date	14-Nov-2019

Sl. No.	Description	Trial 1	Trial 2	Trial 3	Trial 4	Trial 4
1	Weight of Cement	400	400	400	400	400
2	Percentage of water added (%)	27	28.5	29	29.5	31
3	Weight of Water (gm)	108	114	116	118	120
4	Initial Reading of Plunger (mm)	40	40	40	40	40
5	Difference (mm)	19.5	17.5	11	7	6

Results: Standard Consistency of Cement: 31.00%

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